PTO/SB/05 (08-03)

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	BP3134
First Inventor	Ba Zhong Shen, Ph.D.
Title	LDPC (Low Density Parity Check) coded modulation hybrid decoding
Express Mail Lahel No.	EV 082608869 US

(Only for new	v nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EV 08260	08869 US				
_	APPLICATION ELEMENTS pter 600 concerning utility patent application contents.	ADDRESS TO: Commission P.O. Box 1	Patent Application oner for Patents 1450 a VA 22313-1450				
(Submit an Applicant See 37 Cl Specificat (preferred a - Descriptiv - Cross Re - Statemen - Reference or a comp - Backgrou - Brief Sum - Brief Dess - Detailed I - Claim(s)	tion [Total Pages 79] arrangement set forth below) ve title of the invention eference to Related Applications nt Regarding Fed sponsored R & D te to sequence listing, a table, puter program listing appendix und of the Invention mmary of the Invention scription of the Drawings (if filed) Description	ii. Paper c. Statements verifying ACCOMPANYING AP	rodix) Sequence Submission Form (CRF) Ince Listing on: D-R (2 copies); or 1 didentity of above copies				
Drawing(s Drawing(s Drawing(s	s) (35 U.S.C. 113) [Total Sheets <u>36</u>] ation [Total Sheets 3]	10. 37 CFR 3.73(b) Stateme (when there is an assign	ee) Attorney				
a. Newlyb. Copy f	from a prior application (37 CFR 1.63(d)) ontinuation/divisional with Box 18 completed)	11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503)					
Sign nam 1.63	ELETION OF INVENTOR(S) ned statement attached deleting inventor(s) me in the prior application, see 37 CFR i3(d)(2) and 1.33(b). tion Data Sheet. See 37 CFR 1.76	or its equivalent. 17. Other: 1. Letter of Authorizati	Document(s) ned) under 35 U.S.C. 122 ust attach form PTO/SB/35				
2. PTO-2038 Forms for \$1022 and \$40. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:							
Continuati	tion Divisional Continua	tion-in-part (CIP) of prior application	n No.:				
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
<u></u>		DENCE ADDRESS					
Customer	Number: 34399	OR Corres	spondence address below				
	arlick Harrison & Markison LLP						
Address	O. Box 160727 TTN: Shayne X. Short, Ph.D.						
	ustin	State Texas	Zip Code 78716-0727				
		elephone (512) 825-1145	Fax (512) 394-0054				
Name (Print/Type)	Shayne X. Short, Ph.D.	Registration No. (Attorney/Agent)	45,105				
Signature	Turkis		Date 11/26/2003				

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Co	mplete if Known	<u> </u>	
FEE TRANS	MITTAL	Application Number			
for FY 2001		Filing Date			
		First Named Inventor	Ba-Zhong Shen, Ph.D.		
Patent fees are subject to annual revision.		Examiner Name			
		Group Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$) \$1062.00	Atty Docket No.	BP3134		
METHOD OF PA	YMFNT	FEE CALCULATION (continued)			
1. The Commissioner is hereby au		3 ADDITIONAL FEES	OALOOLA ITON (****		
indicated fees and credit any over		Fee Descrip	tion		
Deposit		Surcharge-late filing fee			
Account Number		Surcharge- late provisional filing fee or or cover sheet			
Deposit Account		Non-english specificatio	ns		
Name		For filing a request for e			
Charge Any Additional Fee Rec	quired	Requesting publication of SIR prior to			
Applicant claims small entitty status.		Examiner action			
See 37 CFR 1.27		Requesting publication Examiner action			
2. X Payment Enclosed:	oney ===	Extension for reply within	n first month		
Check X Credit card Money Other		Extension for reply within first month Extension for reply within second month			
FEE CALCULATION		Extension for reply within third month			
1. BASIC FILING FEE	Fee Paid	Extension for reply withi	n fourth month		
Fee Description Utility filing fee 770.00		Extension for reply within fifth month			
Design filing fee	77000	Notice of Appeal			
Plant filing fee Reissue filing fee		Filing a brief in support of appeal Request for oral hearing			
Provisional filing fee		Petition to institute a pr	-		
SUBTOTAL(1)	\$) \$770.00	Petition to revive - unavoidable			
2 EYTDA CI AIM EEES		Petition to revive unint Utility Issue Fee (or rei			
Fee Fro	m Below	Design Issue Fee	,		
Extra Claims	Fee Paid	Plant Issue Fee	•		
Total Claims 14 X Independent	18 = 252.00	Petitions to the Commi	ssioner		
Claims 3 -3** 0 X Multiple Dependent	86 = 0.00	Processing fee under 3	` "		
Fee Description] = []	Submissions of Informat			
Claims in excess of 20)	Recording each patent property (times numbe		\$40.00	
Independent claims in excess of 3 **Reissue independent claims over original patent		Filing a submission after final rejection (37 CFR 1.129(a))			
**Reissue claims in ex and over original pate		For each additional invention to be examined (37 CFR 1.129(b))			
SUBTOTAL (2) (\$) 252.0	00	Request for Continued Request for expedited Ex Other fee (specify)	Examination (RCE) amination of design applicat		
				212 22	

SUBMITTED BY				C	Complete (if applicable)
Name (Print Type)	Shayne X. Short, Ph.D.	Registration No. (Attorney Agent)	45,105	Telephone	(512) 825-1145
Signature		X8hout		Date	11-26-2003

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SUBTOTAL (3)

\$40.00



Phone: 949-450-8700 Fax: 949-450-8710

May 20, 2003

To whom it may concern:

I, Henry Samueli, hereby authorize Dee Henderson, Intellectual Property Portfolio Manager, to execute documents relating to US and foreign patent and trademark matters on behalf of Broadcom Corporation and/or its subsidiaries.

Henry Samueli, Ph.D.

Chief Technical Officer and Co-Chairman